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 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 661005.900~~12~~

First Inventor or Application Identified Nick J. Huige, et al.

Title METHOD OF OXYGENATING YEAST SLURRY USING HYDROPHOBIC POLYMERIC MEMBRANES

Express Mail Label No. EJ187995368US

<b>APPLICATION ELEMENTS</b> See MPEP Chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231	
<p>1. <input checked="" type="checkbox"/> Fee transmittal Form (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 18] (<i>preferred arrangement set forth below</i>)           <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed Sponsored R&amp;D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 2]</p> <p>4. Oath or Declaration [Total Pages 4]           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly unexecuted (original or copy)</li> <li>b. <input type="checkbox"/> Copy from prior Application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) <i>[Note Box 5 below]</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s) named in prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference herein.</p>			
<p>6. <input type="checkbox"/> Microfiche Computer Program (<i>Appendix</i>)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement Verifying identity of above</li> </ul> </p>			
<b>ACCOMPANYING APPLICATION PARTS</b>			
<p>8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; documents)</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (where there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input type="checkbox"/> Return receipt postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified copy of priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Other: * A new statement is required to pay small entity fees, except where one has been filed in a prior application and is being relied upon</p>			

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation     Divisional     Continuation-in-part (CIP) of prior application no. \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label   or  Correspondence address below  
(Insert Customer No. or Attach bar code label)

NAME	Fahrlander, Jill A.				
	Quarles & Brady				
ADDRESS	P O Box 2113				
	CITY		Madison	STATE	WI
COUNTRY	US	TELEPHONE	608/251-5000	FAX	608/251-9166

Name (Print/Type)	Jill A. Fahrlander	Registration No. (Attorney/Agent)	42,518
Signature			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. QBMA/204661

QBMKE\5059070.1

01. **FEET TRANSMITTAL**

## for FY 2001

MAY 21 2001

Small Entity fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement  
otherwise Large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 C.F.R. §§1.27 and 1.28

TOTAL AMOUNT OF PAYMENT

\$110.00

*Complete if Known*

Application Number	09/448,578
Filing Date	November 23, 1999
First Named Inventor	Nick J. Huige
Group Art Unit	1761
Examiner Name	C. Sherrer
Attorney Docket Number	661005.90012

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 17-0055

Deposit Account Name Quarles & Brady LLP

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 0)

**2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
Independent	-2**=	X	=
Multiple Dependent Claims	-3**=	X	=

\*\* or number previously paid, if greater. For reissues see below

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

**FEE CALCULATION (continued)**

MAY 29 2001

TC 1700

**3. ADDITIONAL FEES**

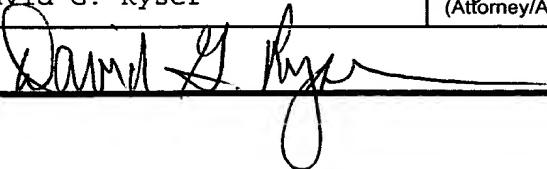
Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,240	241	620	Petition to revive unintentionally abandoned application	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	270	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110.00)

**SUBMITTED BY***Complete if applicable*

Typed or Printed Name	David G. Ryser	Registration No. (Attorney/Agent)	36,407	Telephone	414-277-5717
Signature				Date	May 17, 2001

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*Quarles & Brady LLP*

November 23, 1999

Assistant Commissioner of Patents  
Box Patent Application  
Washington DC 20231

Re: Filing Patent Application

Dear Sir:

Enclosed for filing please find a new patent application  
entitled: METHOD OF OXYGENATING YEAST SLURRY USING HYDROPHOBIC  
POLYMERIC MEMBRANES

by Nick J. Huige  
Murthy Tata  
Jeff Fehring  
Michael C. Ryder  
David S. Ryder  
Alfonso Navarro

The undersigned hereby certifies that this document is being  
deposited with the United States Postal Service today, November 23,  
1999, by the "Express Mail" service, utilizing Express Mail label  
number EJ187995368US addressed to: Assistant Commissioner for  
Patents, Box Patent Application, Washington, DC 20231.

Please indicate receipt of this application by returning the  
attached postcard with the official Patent and Trademark Office  
receipt and serial number stamped thereon.

Respectfully submitted,

*Edward P. Quinn*